

INFORMATION DISCLOSURE CITATION WITH DOCUMENT COPIES

Submitted by: General Motors Corporation	Atty. Docket No. GP-303644	Application No. 10/789,899
	Applicant: Pinkerton et al.	Confirmation No. 9311
	Filing Date: February 27, 2004	Art Unit: 1754

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Examiners Initials	Document Number	Date	Name	Classification Class/Subclass
	4,007,257	02-1977	Lemieux et al.	423/646
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	6,159,538	12-2000	Rodriguez et al.	427/213.31
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FOREIGN PATENT DOCUMENTS					
Examiners Initials	Document Number	Date	Country	Classification Class/Subclass	Translation Yes No

Examiner:	Date Considered:
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NON-PATENT DOCUMENTS		
Examiners Initials	Include as applicable: Author, Title, Date, Publisher, Edition/Volume, Pertinent Pages	
	1	Cenzual et al., "Inorganic Structure Types with Revised Space Group", Acta Cryst., Vol. B47 (1991) 433-439.
	2	Chen et al., "Hydrogen Storage in Metal Nitride Systems", Edited by Ricardo B. Schwartz, Symposium V, Materials for Energy Storage, Generation and Transport, Vol. 730 (April 2-4, 2002) 376 and 385.
	3	Chen et al., "Interaction of Hydrogen with Metal Nitrides and Imides", Nature Publishing Group [Vol. 420] (November 21, 2002) 302-304 with Supplement pp. 1-6
	4	Goubeau, et al., "Über ternäre Metall-Bornitride", Zeitschrift für anorganische und allgemeine Chemie, Vol. 310 (1961) 248-260.
	5	Hu et al., "Ultrafast Reaction between LiH and NH ₃ during H ₂ Storage in Li ₃ N"; J. Phys. Chem. A; Vol. 107, No. 46 (November 20, 2003) 9737-9739.
	6	Ichikawa et al., "Mechanism of Novel Reaction for LiNH and LiH to Li ₂ NH and H ₂ as a Promising Hydrogen Storage System"; J. Phys. Chem. B; Vol. 108, No. 23 (May 5, 2004) 7887-7892.
	7	Jacobs et al., "Preparations and Properties of Magnesium Amide and Imide", Journal for Anorganic and General Chemistry, Band [Vol.] 870 (1969) 254-261. (English translation only; original German not available).
	8	JCPDS X-Ray Database; pattern no. 00-007-0245 – Li ₃ AlN ₂
	9	JCPDS X-Ray Database; pattern no. 00-036-1016 – β-Mg ₃ B ₂ N ₄
	10	JCPDS X-Ray Database; pattern no. 00-042-0868 – Mg ₃ BN ₃
	11	JCPDS X-Ray Database; pattern no. 00-044-1497 – Mg ₃ BN ₃
	12	JCPDS X-Ray Database; pattern no. 16-273 – Li ₃ BN ₂
	13	JCPDS X-Ray Database; pattern no. 40-1166 – Li ₃ BN ₂
	14	JCPDS X-Ray Database; pattern no. 80-2274 – Li ₃ BN ₂
	15	Juza et al., "Die ternären Nitride Li ₃ AlN ₂ und Li ₃ GaN ₂ "; Zeitschrift für Anorganische Chemie, Vol. 257 (1948) 13-25.
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	17	Pinkerton et al., "Hydrogen Desorption Exceeding Ten Weight Percent from the New Quaternary Hydride Li ₃ BN ₂ H ₈ " ACS Publications, http://pubs.acs.org/cgi-bin/abstract.cgi/jpcbfk/2005/109/i01/abs/jp0455475.html
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	20	Villars et al., "ASM International Handbook of Ternary Alloy Phase Diagrams", B Li N; BLi ₃ N ₂ (LT) (2) Crystallographic Data (1997).
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	22	Villars, P., "Pearson's Handbook Desk Edition", Crystallographic Data for Intermetallic Phases, Ac - Cr ₂ Se ₄ Zr, Vol. 1, p. 416 (1997) 771 and 776.
	23	Yamane et al., "High- and Low-Temperature Phases of Lithium Boron Nitride, Li ₃ BN ₂ Preparation, Phase Relation, Crystal Structure, and Ionic Conductivity", J. Solid State Chemistry, Vol. 71, 1987) 1-11.
	24	Yamane et al., "Structure of a New Polymorph of Lithium Boron Nitride, Li ₃ BN ₂ ", J. Solid State Chemistry, Vol. 65, (1986) 6-12.

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